



# ShopFloor

## CONNECT

YOUR CONNECTION TO A SMARTER FACTORY



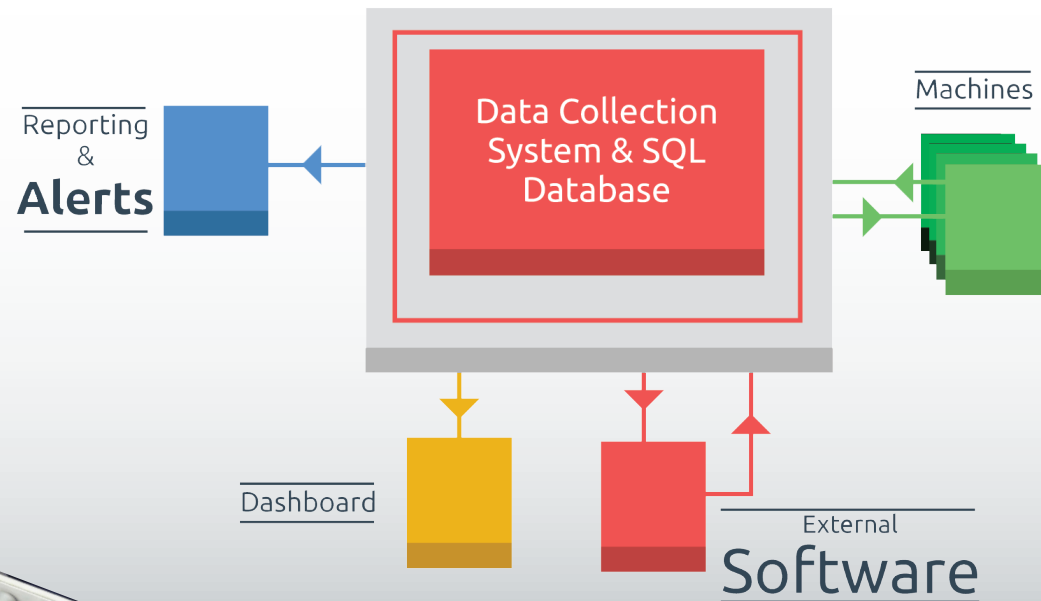
# Real-Time Production Tracking Software

# ShopFloorConnect® is the **Complete Solution** for automatic downtime tracking **For All Machines.**

ShopFloorConnect OEE (overall equipment effectiveness) and downtime tracking software continuously collects important machine efficiency data. The system's SMI 2 machine-mounted interfaces collect production data with little or no operator involvement and are compatible with any machine from modern to legacy. ShopFloorConnect allows you to quickly identify and diagnose underperforming machines – letting you focus your valuable resources where they do the most good.

## How ShopFloorConnect is **Different:**

- Intuitive control easily adapts to any machine
- Unlimited users
- On-Premise installation, data is secured within your network
- Collects uptime, downtime, and production counts automatically with NO operator involvement
- Scalable system; designed for any size factory
- Multi-Site capable; connects all your plants into one system
- Provides production data in real time, and supports “visual factory” displays
- Automatically distributes user-configurable reports at scheduled intervals
- Advanced security, customizable login security
- Customizable to meet demanding IIOT needs today and in the future
- Average 3 week implementation time and 3-6 months ROI



## Key Benefits

- Make better, more informed decisions based on data that is accurate, unbiased, and timely
- Increase your capacity and profitability by instantly identifying underperforming machines
- Quote accurate deliveries based on up-to-the-minute information
- Our advanced IIoT platform enables remote factory monitoring in real-time via any browser, PC, tablet or smartphone

## Key Functions

- All of the most important data is collected automatically with zero operator involvement
- The system tracks production rates, reasons for downtime, good part counts, and mean time between failures (MTBF)
- SFC features a unique reject and rework tracking function
- Our SQL database seamlessly provides timely and accurate production data to your MES and ERP systems through the included Application Program Interface (API)

### Instant Status Alerts

ShopFloorConnect can send alert messages via email and text if a machine is down longer than a pre-set time and for other events. Simply specify the recipients and the events that will trigger the alerts.

### Flexible Reporting

With ShopFloorConnect's powerful reporting engine, you can customize reports to contain exactly the information you want. Generate reports in PDF, Excel, Word, CSV, and other file formats for scheduled automatic delivery to individuals and groups.

### Scheduling

With ShopFloorConnect you can create and import prioritized job queues for each ShopFloorConnect Machine Interface (SMI).

- The Application Program Interface (API) enables you to populate the schedule from your existing programs or files
- Estimated times/dates of completion are calculated for all jobs in the queue
- Partially completed jobs can be automatically inserted back into the schedule
- SFC gives you the ability to move scheduled jobs from machine to machine as conditions in the factory change

### PM Tracker

- SFC enables users to track important machine preventive maintenance (PM) items by run-hours, calendar days, or machine cycles
- The system issues targeted alerts when an item requires PM, and tracks the work history for all machines



# Efficient Machine Connectivity with Visual Controls

## SMI 2: ShopFloorConnect Machine-Mounted Interfaces

The SMI 2 is a network-ready terminal that collects production data from any machine, requires only a few simple connections to provide fully automatic data collection, and connects both legacy and modern machines into a single smart factory system.

- Simple touch screen operator interface, available as a panel-mount or with a NEMA 12 enclosure
- Connects directly into your network
- Ability to enter applicable job and operator parameters
- Fully customizable downtime reason codes for each machine
- Compatible with USB bar-code scanners
- Customizable based on your workflow and needs
- Machine dashboards
- Large Machine status indicators let you know the machine state at a glance
- Ability to enter rejects and reasons for rejects at time of production



## Industries We Serve

Your Connection to a Smarter Factory

- Metal Forming & Fabrication
- Packaging
- Plastics
- Food and Beverage Processing
- Machining
- Pharmaceuticals
- Medical Device Manufacturing



## About ShopFloorConnect

ShopFloorConnect is a leading manufacturer of turnkey data collection systems for discrete manufacturing. As a division of Wintriss Controls Group we bring 60 years of experience providing automation control systems in some of the toughest factory environments. You can expect performance and dependability. ShopFloorConnect customers receive attentive service, and access to a toll free hotline to connect you to technical experts for product information and applications assistance.